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PATENT  
Attorney Docket No.: COOL-01500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Peng Zhou et al.

Serial No.: 10/643,638

Filed: August 18, 2003

For: **BOILING TEMPERATURE  
DESIGN IN PUMPED  
MICROCHANNEL COOLING  
LOOPS**

) Group Art Unit: 3744  
) Examiner: Early, Michael Jacoby  
) **TRANSMITTAL LETTER**  
)  
) 162 N. Wolfe Road  
) Sunnyvale, CA 94086  
) (408) 530-9700  
)  
) Customer No. 28960

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

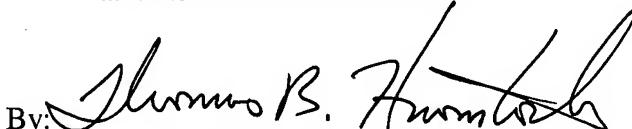
Sir:

A Supplemental Information Disclosure Statement, Certification for Supplemental Information Disclosure Statement, and Form PTO-1449 are enclosed for filing in the U.S. Patent and Trademark Office.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,

HAVERSTOCK & OWENS LLP

By:   
Thomas B. Haverstock  
Reg No.: 32,571

Attorneys for Applicants

**CERTIFICATE OF MAILING (37 CFR§ 1.8(a))**  
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP.

Date: 9-7-07 By: May B. Haverstock



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) Group Art Unit: 3744

) Examiner: Early, Michael Jacoby

) **CERTIFICATION FOR  
SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR § 1.97(e)**

) 162 North Wolfe Road  
Sunnyvale, CA 94086  
(408) 530-9700

) Customer No.: 28960

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This certification is being made for the Supplemental Information Disclosure Statement accompanying this certification.

**Certification**

I, the person signing below, hereby certify that the printed publications contained in the enclosed supplemental information disclosure statement were cited within an Official Action mailed on June 7, 2007. **Accordingly, I hereby certify that no reference contained within this supplemental information disclosure statement was cited in a communication from a foreign patent office in a related foreign application, and, to the knowledge of the person signing the statement, after making reasonable inquiry, no reference contained within this supplemental information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this supplemental information disclosure statement. 37 C.F.R. 1.97(e)(2)**

**CERTIFICATE OF MAILING (37 CFR § 1.8(a))**  
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

- 1 -

HAVERSTOCK & OWENS LLP.

Date: 9-7-07 By: Yancy G.

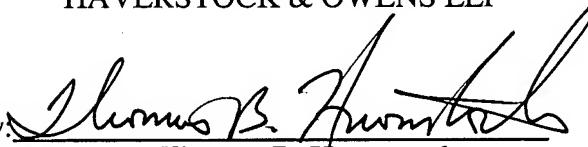
PATENT  
Attorney Docket No.: COOL-01500

**Identification of Person Making Certification**

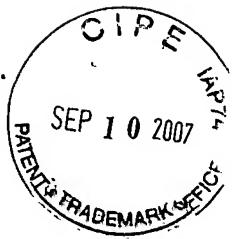
The person making this certification is the attorney who signs below on the basis of the information in the attorney's file.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 9-7-07

By:   
Thomas B. Haverstock  
Reg. No.:32,571

Attorneys for Applicants



PATENT  
Attorney Docket No.: COOL-01500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: 3744  
Peng Zhou et al. ) Examiner: Early, Michael Jacoby  
Serial No.: 10/643,638 ) **SUPPLEMENTAL INFORMATION**  
Filed: August 18, 2003 ) **DISCLOSURE STATEMENT**  
For: **BOILING TEMPERATURE DESIGN** ) 162 N. Wolfe Road  
IN PUMPED MICROCHANNEL ) Sunnyvale, CA 94086  
COOLING LOOPS ) (408) 530-9700  
 ) Customer No.: 28960

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The citations listed below may be material to the examination of the above-identified application and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

Applicants have become aware of the following printed publications which may be material to the examination of this application:

- U.S. Patent No.: 3,524,497;
- U.S. Patent No.: 5,365,400;
- U.S. Patent No.: 6,626,236 B1;
- U.S. Patent No.: 6,865,081 B2; and
- U.S. Patent No.: 6,934,154 B2.

CERTIFICATE OF MAILING (37 CFR § 1.8(a))  
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

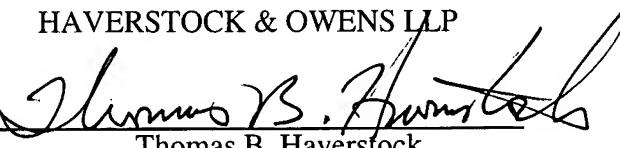
- 1 -

HAVERSTOCK & OWENS LLP.

Date: 9/7/07 By: Maynard

This Supplemental Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Dated: 9-7-07

Respectfully submitted,  
HAVERSTOCK & OWENS LLP  
By:   
Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicants

SEP 10 2007

FORM PTO-1449 (Modified) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Several Sheets If Necessary) (37 CFR § 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: COOL-01500	Serial No.: 10/643,638
			Applicants: Peng Zhou et al.	
			Filing Date: August 18 2003	
			Group Art Unit: 3744	

## U.S. PATENT DOCUMENTS

Examiner Initials		Patent Number/ Publication Number	Issue Date/ Publication Date	Applicant / Patentee	Class	Subclass	Filing Date
	AA	3,524,497	08/18/1970	R.C. Chu et al.	165	80	04/04/1968
	AB	5,365,400	11/15/1994	Ashiwake et al.	361	752	10/04/1991
	AC	6,626,236 B1	09/30/2003	Bandoh et al.	165	206	03/20/2000
	AD	6,865,081 B2	03/08/2005	Meyer et al.	361	699	03/21/2003
	AE	6,934,154 B2	08/23/2005	Prasher et al.	361	699	03/31/2003
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	AP							
	AQ							
	AR							
	AS							
	AT							

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AU	
AV	
AW	
AX	
AY	
AZ	
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BB	
BC	

Examiner:

Date Considered:

**EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.